

## A B S T R A C T

A BONE-MARROW EXTRACTION AND/OR INJECTION DEVICE AND A  
SYSTEM INCLUDING SUCH A DEVICE

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A bone-marrow extraction and/or injection device (1)  
comprising a grip zone (2), and a needle (10) presenting  
at least one side orifice (15), a protective sleeve (20)  
surrounding at least part of said needle (10) being  
10 mounted to move relative to said needle (10) between a  
closed position of said at least one side orifice (15)  
and an open position of said at least one side orifice.

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35 Translation of the title and the abstract as they were when originally filed by the  
Applicant. No account has been taken of any changes that may have been made  
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38.2, and/or 48.3.